

Chennai Chapter Presents

TOPS CONVENTION 2022

18th June 2022

Jerusalem College of Engineering

Velachery main road, Narayanapuram, Pallikaranai, Chennai, Tamil Nadu



ISQ is happy to announce a one-day contest on **Team Oriented Problem Solving** / improvement case studies / projects for executives from OEMs, tier 1 and 2 manufacturing companies, process industry and service sector organisations including information technology.

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Objective

To promote scientific approach towards problem solving and team work, customer centric approach and technical and soft skills capability enhancement by sharing/ learning through some of the best case studies from organisations of repute.

About Us

Indian Society for Quality (ISQ) is a not-for-profit society established in 1996 to fill the need for a national forum for interaction among quality professionals, leaders, practitioners and academicians. ISQ is a non-partisan, independent body that attracts and invites individual members from business organizations, health care and educational institutions, government agencies and NGOs. Members share their knowledge and learn from each other. ISQ is thus engaged in both creating and disseminating knowledge.

Its mission is to **“Contribute to the thriving of humanity in a healthy planet”**

ISQ is well linked to similar national quality bodies in other countries. It is a board member from its very inception and has represented India in the Asian Network for Quality (ANQ). ISQ is a national partner to International Quality Innovation Award initiated by Laatukskus Excellence, Finland and Quality Sustainability Award promoted by International Academy for Quality. ISQ is the face of India in the world of quality.

To know more, please visit www.isqnet.org

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Who can participate?

The competition is open to **Executives/ Supervisors** from OEMs, tier 1 & 2 companies, process and service organisations applicable to diverse areas of problem solving and it is methodology agnostic. Some suggested area for the Case Studies are New Product Development, Six Sigma, Customer Concern Resolution, Industry 4.0, DOE, CSI, 8D methodology, VSM, Life Cycle Assessment and TRIZ Methodology.

The programme details

The competition is subdivided based on the methods/ tools employed during the problem solving as

Basic Problem-solving

Methods include 7 QC Tools, Why Why analysis, 8D Methods, 4M, QC Story etc. Project has moderate level of scope and complexity such as single defect on specific model or single station. Project has made impact on department or section level KPI.

Advanced problem-solving

Usage of advanced level tools such as design of experiments, hypothesis testing, Multi-Vari, Good Bad Analysis, Innovation, TRIZ, Lean, TPM or Six Sigma Tools. Project has made impact on company level KPI or department level KPI. Project scope can be one product with multiple defects or multiple products with single defect, multiple process under consideration for analysis.

Note:

- Case studies should be from FY 2019- 20 and later.
- Presentation time for
 - a. Basic problem-solving projects, 15 mins presentation and 5 mins Q&A
 - b. Advanced problem-solving projects – 20 mins presentation and 10 mins Q&A.
- Parallel sessions for the presentation of case studies may be organised depending upon the number of entries.

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Awards & Recognition

- 3 best case studies will be awarded from each of Basic and Advanced problem-solving projects. These may be subdivided further in to manufacturing and service sectors depending upon the applications received.
- All the participants are eligible for the Certificate of Appreciation for Participation.

How to apply

- Participants may fill the attached registration form complete in all respect including abstract of the project and send it to ISQ email ID mentioned in the application with the fees remittance details.
- The last date for submission of registration form is **5th June 2022**.
- Please send the final presentation in ppt/ pdf format by **13th June 2022**.
- Total of 15 case studies will be presented during the competition.

Programme Structure

| | | | |
|--------------|--------------------------------------|----------------|-----------------------------------|
| 8:30 to 9:00 | Registration | 13:00 to 13:50 | Lunch and networking |
| 9:00 to 9:10 | Inaugural Session. | | |
| 9:10 to 9:40 | Keynote address by the Guest Speaker | 13:50 to 16:45 | Case study presentations continue |
| 9:45 onwards | Case study presentations | 17:00 to 17:15 | Award presentation and conclusion |

Inclusive of two in-between tea breaks

For more information:

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Dr. S. Rajkumar

Program Chair

President – ISQ Chennai Chapter